

REMARKS

Claims 2-4, 7-9, and 24-29 are pending.

Claims 24, 2-4, 7, and 26-29 stand rejected as unpatentable over U.S. Patent 5,982,363 to Naiff in view of U.S. Patent 6,763,222 to Bukhari. This rejection is respectfully traversed.

Claim 24 is directed to a card for communicating to and from a personal computer through a very small aperture terminal (VSAT). A DC source external to the card powers the VSAT through a connector on the card. The instant system eliminates the cost and expense of an additional power source.

Naiff does not teach or suggest a DC source external to the card that powers the VSAT though a connector on the card. Moreover Naiff does not teach or suggest an “upconverter and a power amplifier” for transmitting data. The Office Action recognizes this latter deficiency and adds in Bukhari.

Bukhari does not solve the deficiencies of Naiff. Bukhari does not teach or suggest a peripheral card that receives and/or transmits data. Thus Bukhari cannot teach or suggest a DC source external to a peripheral card that powers the VSAT though a connector to the peripheral card. Hence Bukhari does not remedy this deficiency in Naiff.

Moreover, Bukhari simply discloses a VSAT terminal coupled to an indoor unit in a conventional manner using a standard power source. “During normal operations, the IDU 24 receives data from the user’s equipment (not shown in Fig. 1) and modulates a reference signal in accordance with this data.” This user’s equipment is, of course, a PC or other similar device.

Turning to Figure 2 of Bukhari, the outdoor unit 22 requires a MUX/DMUX (modem) 28 along with various other components such as the frequency multiplier and amplifier. There is no teaching or suggestion in Bukhari that the system could operate without the modem or that a frequency multiplier and amplifier could be simply removed and inserted into another system. That is, since Bukhari does not teach or suggest a peripheral card for transmission, Bukhari can not teach that an upconverter and a power amplifier can enhance transmission from such a card.

There is no teaching or suggestion in either Naiff or Bukhari of using a DC source external to the card that powers the VSAT though a connector on the card. Moreover, there is no

teaching or suggestion that work is functional for a modem can be simply applied to a peripheral card. Claim 24 is patentable over the cited prior art.

Claims 4, 7, and 26-29 are patentable for the same reason as claim 24. Withdrawal of this rejection is requested.

Claim 8 stands rejected as unpatentable over Naiff, in view of Bukhari, and further in view of U.S. Patent 5,953,418 (Bock et al.). Claim 8 depends from claim 24 and is patentable for the same reason as claim 24. Withdrawal of this rejection is requested.

Claim 9 and 25 stand rejected as unpatentable over Naiff, Bukhari and U.S. Patent 5,592,366 (Goldman). Claim 9 depends from claim 24 and is patentable for the same reasons discussed above. The rejection of claim 25 relies on the same combination of Naiff and Bukhari as discussed above and is deficient for the same reasons discussed above. Goldman in no way corrects the deficiencies discussed above. Withdrawal of this rejection is requested.

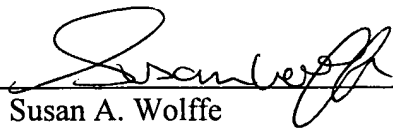
CONCLUSION

In view of the above amendments and remarks, this application is in condition for allowance and issuance of a Notice of Allowance is respectfully requested. If any additional fees are required or if an overpayment is made, the Commissioner is authorized to debit or credit our Deposit Account No. 19-0733, accordingly.

Respectfully submitted,

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